CONTRACT # 91353

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	38
STA. 182+00.00		TO STA. 198+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTES: Ⓑ REFERS TO PROPOSED TYPICAL SECTIONS.

RIPRAP STILLING BASIN, SEE DETAIL SHEET NO. 116

3 PRECAST CONCRETE BOX CULVERT 8'X4' (M273) - 90 L.F. EACH
U.S.F.L. 190+28.00, 51.00' LT., ELEV: 679.50
D.S.F.L. 190+46.00, 51.00' RT., ELEV: 679.15
SKEW ANGLE 80° RT FWD
6 PRECAST CONCRETE BOX CULVERT END SECTIONS 8'X4' W/ GRATE

PIPE CULVERT TYPE 1, CORRUGATED STEEL OR ALUMINUM
EQUIVALENT ROUND SIZE, 24" - 32 L.F.
U.S.F.L. 184+81.00, 31.74' LT., ELEV: 687.60
D.S.F.L. 185+19.00, 31.74' LT., ELEV: 686.95
2 METAL END SECTIONS, EQUIVALENT ROUND SIZE, 24"

APPROXIMATE LOCATION OF EXISTING 18" FIELD TILE

5513016
BLANCHE ASHWORTH

+00.00 60' LT — PROPOSED R.O.W.

+00.00 55' LT — PROPOSED R.O.W.

+00.00 ℄ 24' F.E.

BM 16B

℄ PROPOSED C.H.18

182+00.00 — 185+00 — 190+00 — 195+00 — 198+00.00

8' 12' 8' 12'

PROPOSED R.O.W.

+00.00 60' RT

+00.00 55' RT

PROP. CURVE CURV6
PI STA. = 187+49.01
Δ = 6° 08' 32" (RT)
D = 0° 29' 54"
R = 11,500.00'
T = 617.00'
L = 1,232.82'
E = 16.54'
e = N/A
P.C. STA. = 181+32.00
P.T. STA. = 193+64.83

RIPRAP STILLING BASIN, SEE DETAIL, SHEET NO. 116

PIPE CULVERT TYPE 1, CORRUGATED STEEL OR ALUMINUM
EQUIVALENT ROUND SIZE, 24" - 32 L.F.
U.S.F.L. 184+81.00, 31.74' RT., ELEV: 687.60
D.S.F.L. 185+19.00, 31.74' RT., ELEV: 686.95
2 METAL END SECTIONS, EQUIVALENT ROUND SIZE, 24"

5513009
HAROLD VON BEHRENS and TERRY LEE VON BEHRENS

BITUMINOUS SHOULDERS SUPERPAVE 8"

6" AGGREGATE SURFACE COURSE, TY. B

N

SCALE IN FEET 0 50 100

B.M. 16B - STA. 187+49.01, 16.54' LT. ELEV. 678.91
P.I. STA. 187+49.01, IRON PIN BURIED 10"

710 700 690 680 670

K = 701
900.00' V.C.

+50.00 EL. 689.22

+50.00 EL. 687.36

PROPOSED GRADE

-0.59% -4.08% -2.08% -0.85% +0.44% -0.55% +0.53%

+47.79 EL. 690.93

+65.71 EL. 688.02

+16.54 EL. 680.72

VPI STA. 191+00.00
ELEVATION 685.40

EXISTING GROUND

PROPOSED DITCH PROFILE LT & RT

+41.00 EL. 679.50

+49.00 EL. 679.50

182+00	183+00	184+00	185+00	186+00	187+00	188+00	189+00	190+00	191+00	192+00	193+00	194+00	195+00	196+00	197+00	198+00
691.50 692.58	690.95 692.02	690.71 691.32	689.50 690.49	686.57 689.64	684.49 688.81	683.17 688.10	681.39 687.54	680.01 687.12	680.39 686.85	681.14 686.71	681.96 686.72	682.88 686.87	683.74 687.16	684.21 687.58	684.29 688.02	685.00 688.45

CO. HWY. 18 STA. 182+00.00 TO STA. 198+00.00

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY STAKED / CADD FILE NAME — NOTE BOOK NO. — BY — DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / GRADES STAKED / STRUCTURE NOTATIONS CHKD — NOTE BOOK NO. — BY — DATE

LAYOUT D.P./S.M. 03/28/03
DRAWN D.J.P. 04/28/03
REVIEWED S.K.M. 05/07/03

07/13/2005
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